



Student Name _____ Date _____

Lunar Testing Facility: Solution Evaluation

Answer the following questions:

1. What are the variables that could be tested with the Lunar Test Facility?
2. What materials would best represent the lunar surface?
3. Why is it important for the NASA scientists and engineers to complete an extensive testing program on the lunar rovers before they are sent to the moon?
4. Brainstorm a list of student-rover experiments that could be conducted with the Lunar Testing Facility.
5. Brainstorm a list of differences that may exist between the Lunar Testing Facility and the environment on the moon.

Write a description of the best design for a Lunar Testing Facility to test and measure the forces and motion of a student designed lunar rover.